

In the Claims

Please add new Claims 94-106

94. (New) The method of Claim 49 wherein said augmenting agent down-regulates a negative effector of CREB pathway function.
95. (New) The method of Claim 94 wherein said augmenting agent is a phosphodiesterase inhibitor.
96. (New) The method of Claim 57 wherein said augmenting agent down-regulates a negative effector of CREB pathway function.
97. (New) The method of Claim 96 wherein said augmenting agent is a phosphodiesterase inhibitor.
98. (New) A method of rehabilitating a cognitive deficit associated with a trauma dependent loss of cognitive function from stroke in an animal in need of said rehabilitation comprising the steps of:
 - (a) administering to said animal an augmenting agent which enhances CREB pathway function; and
 - (b) training said animal under conditions sufficient to produce an improvement in performance by said animal of a cognitive task whose deficit is associated with said trauma dependent loss of cognitive function from stroke, whereby said cognitive deficit is rehabilitated.
99. (New) The method of Claim 98 wherein a performance gain is achieved relative to the performance of said cognitive task achieved by training alone.

100. (New) The method of Claim 98 wherein in step b), training comprises multiple training sessions.

101. (New) The method of Claim 98 wherein said augmenting agent is administered before and during each training session.

102. (New) The method of Claim 98 wherein said animal is a mammal.

103. (New) The method of Claim 102 wherein said mammal is a human.

104. (New) The method of Claim 98 wherein said augmenting agent induces CREB-dependent gene expression.

105. (New) The method of Claim 104 wherein said augmenting agent down-regulates a negative effector of CREB pathway function.

106. (New) The method of Claim 98 wherein said augmenting agent is a phosphodiesterase inhibitor.

REMARKS

New Claims 94-106

Support for new Claims 94-106 is found throughout the specification, for example, at page 2, lines 14-16; page 3, lines 23-28; page 9, lines 16-18; page 10, lines 24-25; page 11, lines 22-23; page 12, lines 8-13; page 13, lines 9-21; page 13, lines 28-29; page 18, lines 26-27; and page 21, lines 24-25.